BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work: Construction of Bridge over Storm Water Drain 4th Cross Road and 12th A Main Road,Muthyala Nagar in JP Park Ward No.17

SL No	Item No	Description of Item of Work	Unit	Present Measurement Qty	Present Measurement Rate	Present Measurement Cost	Total up-to date Qty	Total up-to date Cost	Remarks
1	1	KSRRB M200-13.1. Dismantling of existing structures like culverts, Bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceble material and stacking the serviceble material with all lifts complete as per specifications. II. B.Dismantling Stone Masonry in cement mortar (P.No.148, I.No.18.27 of PW P&IWTD SR 2013-14)	cum	32.40	363.00	11761.20	32.40	11761.20	
2	2	KSRRB M200-13.1. Dismantling of existing structures like culverts, Bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceble material and stacking the serviceble material with all lifts complete as per specifications. II. By mechanical means, A. Cement concrete Grade M-15 & M-20 (P.No.147, I.No.18.20 of PW P&IWTD SR 2013-14)	cum	9.41	474.00	4457.97	9.41	4457.97	
3	3	KSRRB M2100-2.1 Earthwork in excavation for foundation of structures as per drawing and technical specifications. Including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material complete as per specifications, B.Mechanical Means (i) Depth upto 3m MORTH Specification No.304 (P.No.224, I.No.27.4 of PW, P&IWTD SR 2013-14)	cum	115.02	176.00	20243.17	115.02	20243.17	
4	4	KSRB 2.8 : Providing and Filling in foundation with granite trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS (P.No.6, I.No.2.15 of PW, P&IWTD SR 2013-14)	cum	21.38	1865.00	39873.70	21.38	39873.70	
5	5	KSRRB M2100-13 Plain / reinforced cement concrete M15 with OPC cement @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.84cum and fine aggregates @0.56 cum in Open foundation complete as per Drawing and technical specifications. MORTH Specification No.1500,1700 & 2100 (P.No.226, I.No.27.24 of PW, P&IWTD SR 2013-14)	cum	21.38	4483.00	95846.54	21.38	95846.54	
6	6	KSRRB M2100-20.2: Plain / Reinforced Cement Concrete in Open Foundation with OPC cement design mix M35 @ 390kgs, with 20mm and downsize graded granite metal coarse aggregates @ 0.68cum and fine aggregates @ 0.45cum, with superplastisisers @ 3lts confirming to IS 9103-1999 Reaffirmed-2008. Case II : with Batching Plant, Transit Mixer and Concrete Pump MORTH Specification No. 1500, 1700 & 2100 (P.No.288, I.No.27.37 of PW, P& IWTD SR 2013-14)	cum	28.35	5889.00	166953.15	28.35	166953.15	
7	7	KSRRB M2200-5.18: Design mix M35 with OPC cement @390kgs, with 20mm and downsize graded granite metal coarse aggregates @0.68cum and fine aggregates @ 0.45cum, with superplastisizers @3lts confirming to IS9103-1999 Reaffirmed-2008 i) Upto 5m height (P.No.232, I.No.28.7.18 of PW, P& IWTD SR 2013-14)	cum	14.18	6555.00	92949.90	14.18	92949.90	
8	8	KSRRB M2200-6 Supplying, fitting and placing TMT bar Fe415 reinforcement in sub-structure complete as per drawing and Technical specifications complete as per specifications MORTH Specification No.1600 & 2200 (P.No.233, I.No.28.8.1 of PW, P& IWTD SR 2013-14)	MT	6.24	71819.00	448199.66	6.24	448199.66	
9	9	KSRRB M2300-8.1 . Furnishing and Placing Reinforced/ Prestressed cement concrete in super-structure as per drawing and Technical Specification complete as per specifications. D. RCC / PSC with OPC cement design mix M35 @ 390kgs, with 20mm and down size graded granite metal coarse aggregates @0.68cum and fine aggregates @ 0.45cum, with superplastisiser@3lts confirming to IS9103-1999 Reaffirmed-2008, Case - II : Using Batching Plant, Transit Mixer & Concrete Pump MORTH Specification No. 1500,1600 & 1700 (P.No.241, I.No.29.16.1 of PW, P& IWTD SR 2013-14)	Cum	39.17	6708.00	262769.80	39.17	262769.80	

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SL No	Item No	Description of Item of Work	Unit	Present Measurement Qty	Present Measurement Rate	Present Measurement Cost	Total up-to date Qty	Total up-to date Cost	Remarks
10	10	KSRRB M2300-14: Supplying , fitting and placing TMT bar Fe 415 reinforcement in super - structure complete as per drawing and technical specifications complete as per specifications MORTH Specification No.1600 (P.No.245, I.No.29.29 of PW, P& IWTD SR 2013-14)	MT	5.95	72636.00	432117.62	5.95	432117.62	
10	11	KSRRB M2700-7: Reinforcement cement concrete M30 approach slab including reinforcement and form work complete as per drawing and Technical specification complete as per specifications. MORTH Specification No.1500, 1600, 1700 & 2704 (P.No.255, I.No.32.7 of PW, P&IWTD SR 2013-14)	cum	25.58	11091.00	283685.60	25.58	283685.60	
11	12	KSRRB M2200-9: Providing and laying of Filter media with granular material / stone crushed aggregates satisfying the requirements laid down in clause 2500.4.2.2 of MORTH specifications to a thickness of not less than 600mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification complete as per specfiications MORTH Specification No.710.1.4 of IRC :78 & 2200 (P.No.233, I.No.28.13 of PW, P&IWTD SR 2013-14)	cum	25.20	986.00	24847.20	25.20	24847.20	
13	13	KSRRB M2200-8.1: Back filing behind abutment, wing wall and return wall complete as per drawing and Technical Specification complete as per specifications A. Granular Material No. 710.1.4 of IRC : 78 & 2200 (P.No.233, I.No.28.11 of PW, P&IWTD SR 2013-14)	cum	12.60	299.00	3767.40	12.60	3767.40	
	14	KSRRB M2200-8: Providing weep holes in Brick masonry / Plain / Reinforced concrete abutment, wing wall/ return wall with 100mm dia AC pipe, extending extending through the full width of the structure with slope of 1 V :20H towards drawing foce. Complete as per drawing and Technical Specifications complete as per specifications. MORTH Specification No.2706 & 2200 (P.No.233, I.No.28.10 of PW, P&IWTD SR 2013-14)	no's	21.00	172.00	3612.00	21.00	3612.00	
12	15	KSRB 5.3-3: Providing and constructing granite size stone masonry in basement with cement mortor 1:6, edges of stones chistle dressed in courses not less than 15cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications. Specifcation No. KBS 5.1.13. (P.No.26, I.No.5.9 of PW, P&IWTD S.R 2013-14)	cum	32.40	5570.00	180468.00	32.40	180468.00	
13	16	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix M 15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.6 of PW,P&IWTD S.R 2013-14)	cum	1.20	5016.00	6019.20	1.20	6019.20	
		TOTAL				**2077572.11**		**2077572.11**	

1. Certified that work done satisfactory
2. Certified that there is no departmental issue to the contractor
3. Certified that amount claimed in the bill is not claimed in any of the privious bill

20,76,367

Rachawad

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